Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092718\
Data File : VV007916.D
Acq On : 27 Sep 2018 19:23
Operator : SY/MD
Sample : J5063-19MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 28 00:46:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87255	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	83033	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40664	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	22862	4.89	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.80%				
7) Chloroethane-d5	1.59	69	21469	5.31	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.20%				
11) 1,1-Dichloroethene-d2	2.14	63	53103	5.03	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%				
20) 2-Butanone-d5	3.96	46	67852	48.23	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.46%				
24) Chloroform-d	4.41	84	53644	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%				
26) 1,2-Dichloroethane-d4	5.09	65	29335	5.01	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%				
32) Benzene-d6	5.10	84	101857	5.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%				
36) 1,2-Dichloropropane-d6	6.12	67	32536	5.18	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%				
41) Toluene-d8	7.36	98	96495	4.78	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%				
43) trans-1,3-Dichloropropene-	7.67	79	10615	4.39	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%				
46) 2-Hexanone-d5	8.14	63	50729	47.50	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.00%				
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23749	4.90	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%				
64) 1,2-Dichlorobenzene-d4	11.68	152	40443	5.14	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%				
Target Compounds							Qvalue
12) 1,1-Dichloroethene	2.14	96	29041	5.035	ug/L		96
13) Acetone	2.20	43	1537	1.499	ug/L		63
25) Chloroform	4.43	83	12817	1.092	ug/L		98
31) Carbon tetrachloride	4.88	117	20412	2.319	ug/L		98
33) Benzene	5.15	78	122404	5.148	ug/L		100
34) Trichloroethene	5.96	95	34265	5.033	ug/L		99
35) Methylcyclohexane	6.12	83	7670	0.751	ug/L	#	18
37) 1,2-Dichloropropane	6.13	63	3998	0.658	ug/L	#	87
39) cis-1,3-Dichloropropene	7.04	75	900	0.111	ug/L	#	76
42) Toluene	7.43	91	133109	5.141	ug/L		99
48) 2-Hexanone	8.14	43	6928	2.613	ug/L	#	75
51) Chlorobenzene	8.93	112	88184	4.931	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Operator : SY/MD
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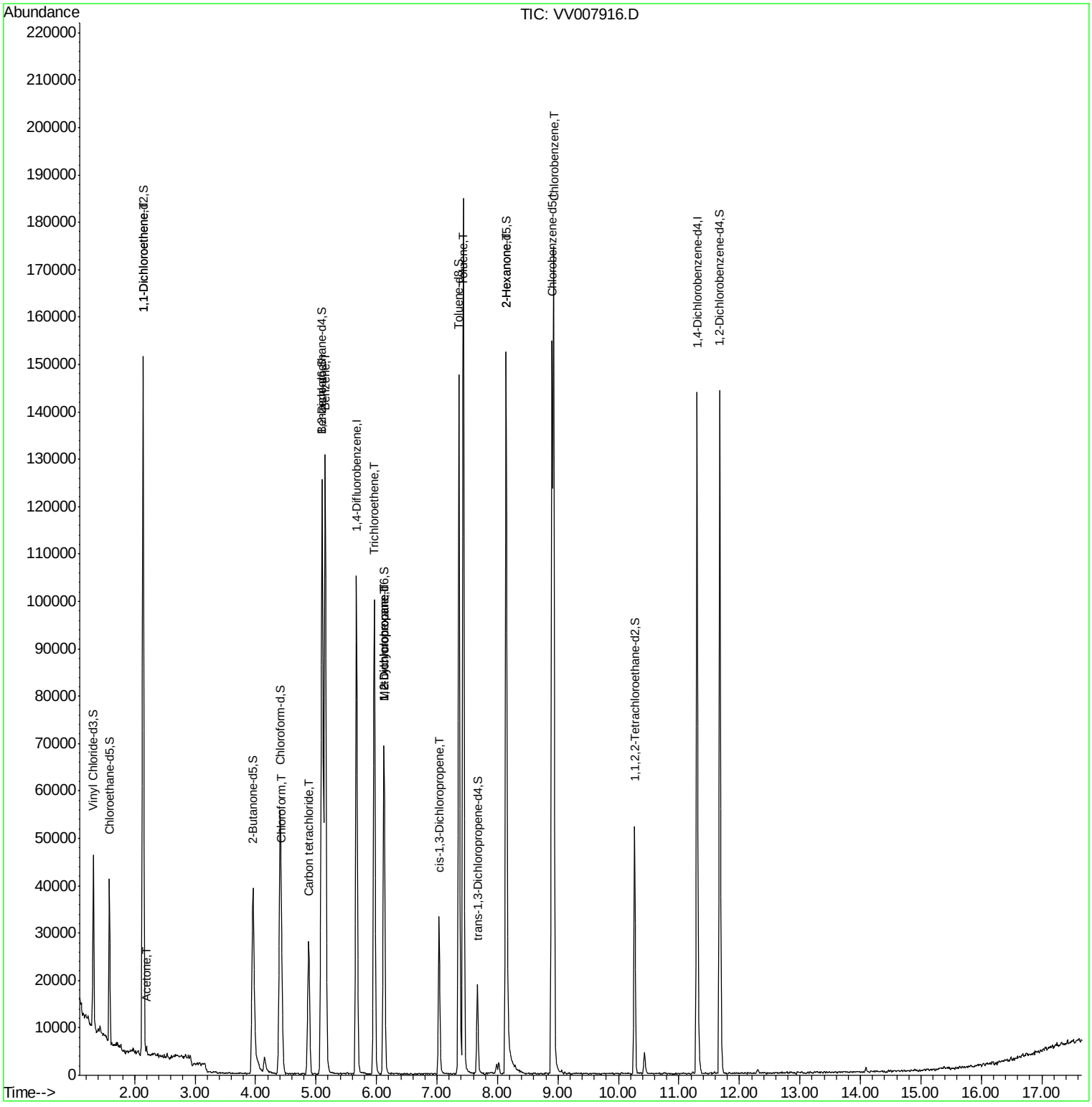
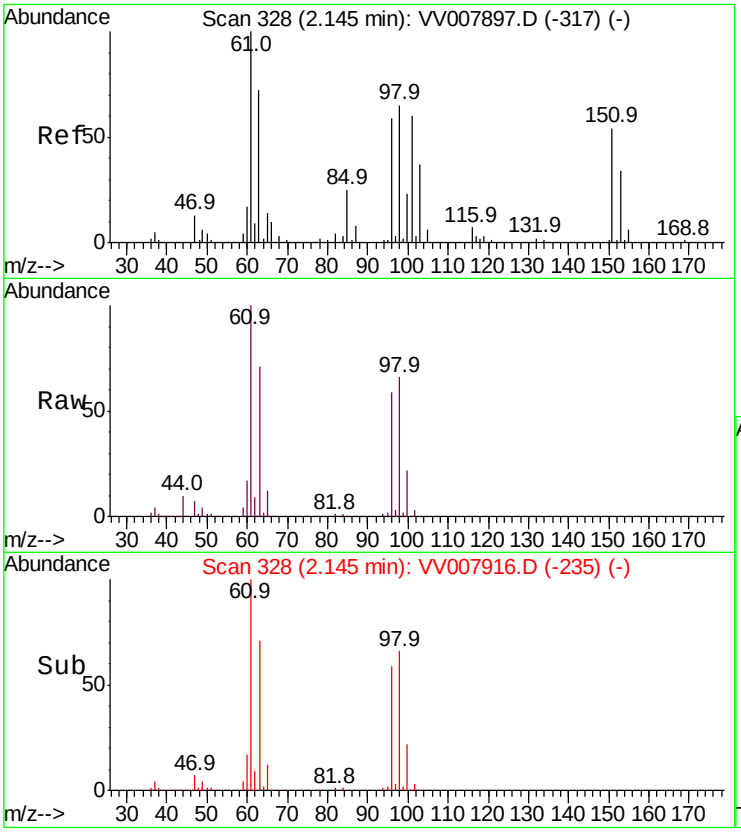
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 00:46:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration



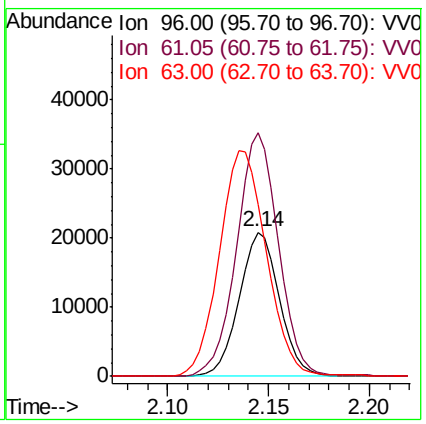


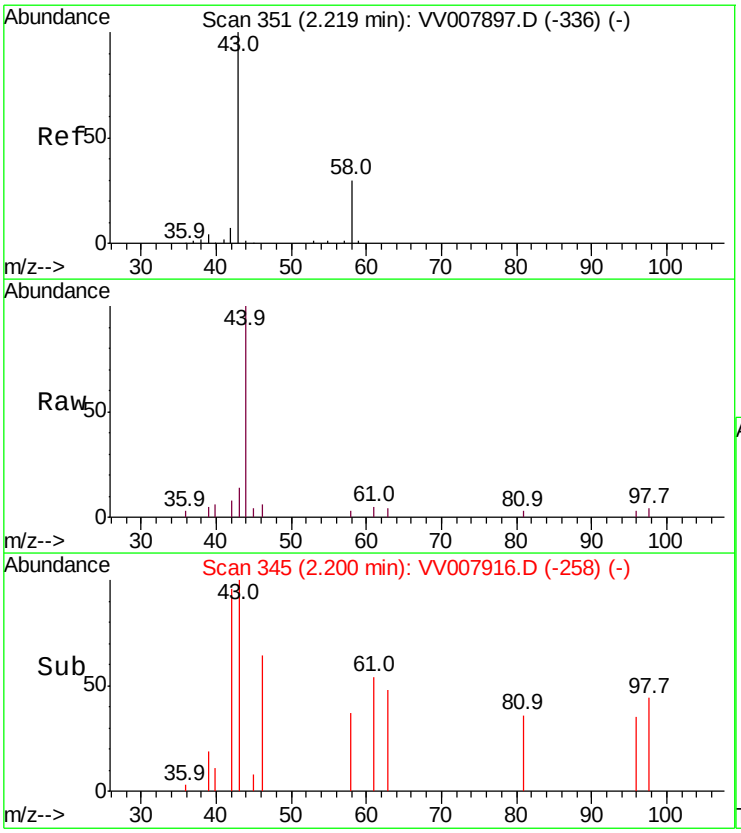
#12
1,1-Dichloroethene
Concen: 5.035 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 29041

Ion	Ratio	Lower	Upper
96	100		
61	169.1	114.1	211.9
63	119.4	81.5	151.3

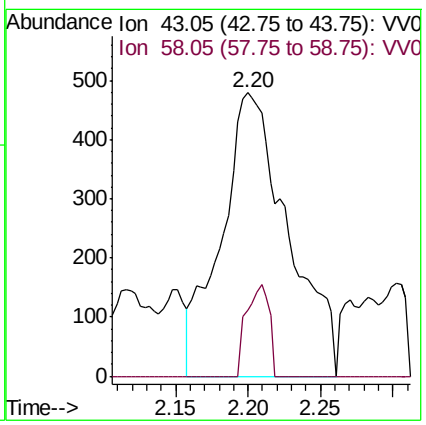


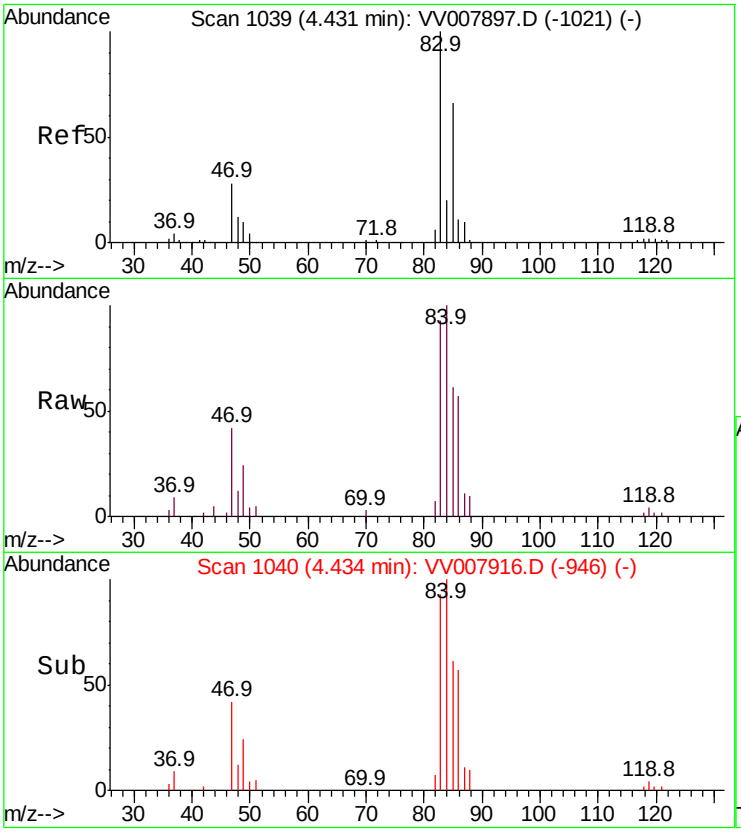


#13
Acetone
Concen: 1.499 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.02 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion: 43 Resp: 1537

Ion	Ratio	Lower	Upper
43	100		
58	10.9	0.0	62.0



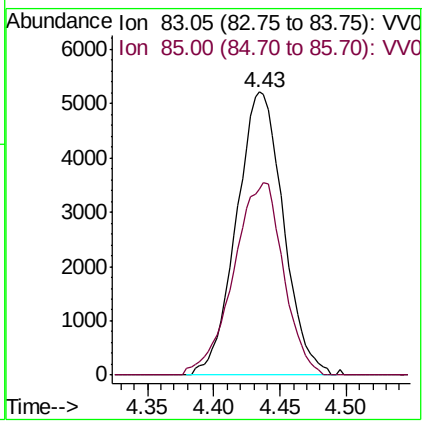


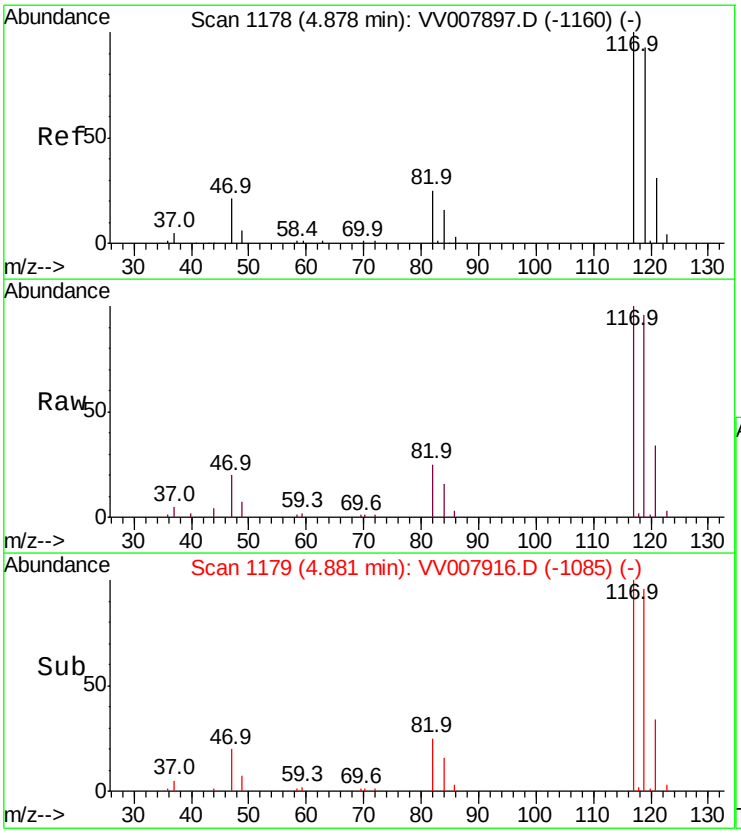
#25
Chloroform
Concen: 1.092 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 12817

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.8	83.2

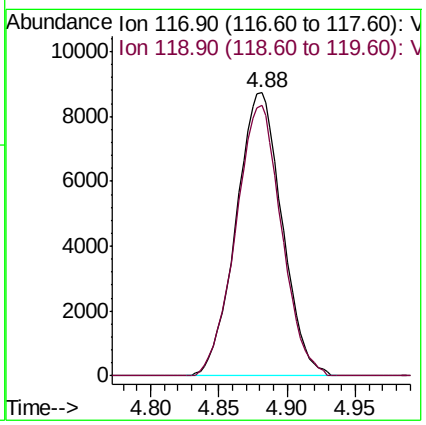


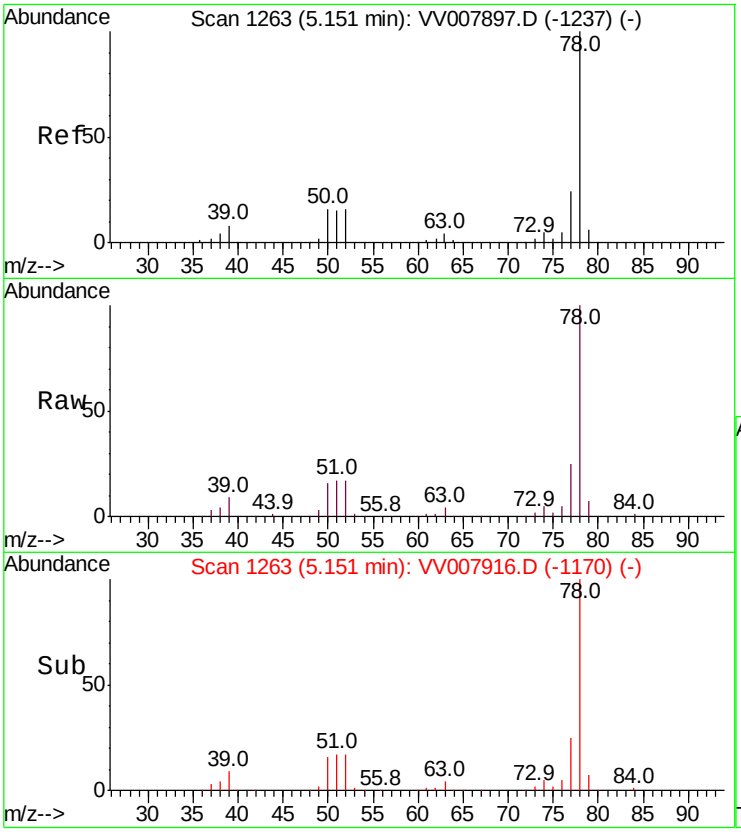


#31
Carbon tetrachloride
Concen: 2.319 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion:117 Resp: 20412

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.8

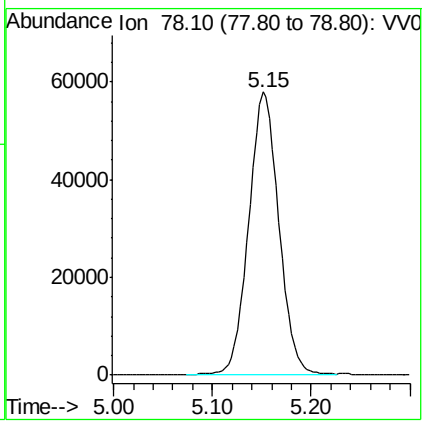


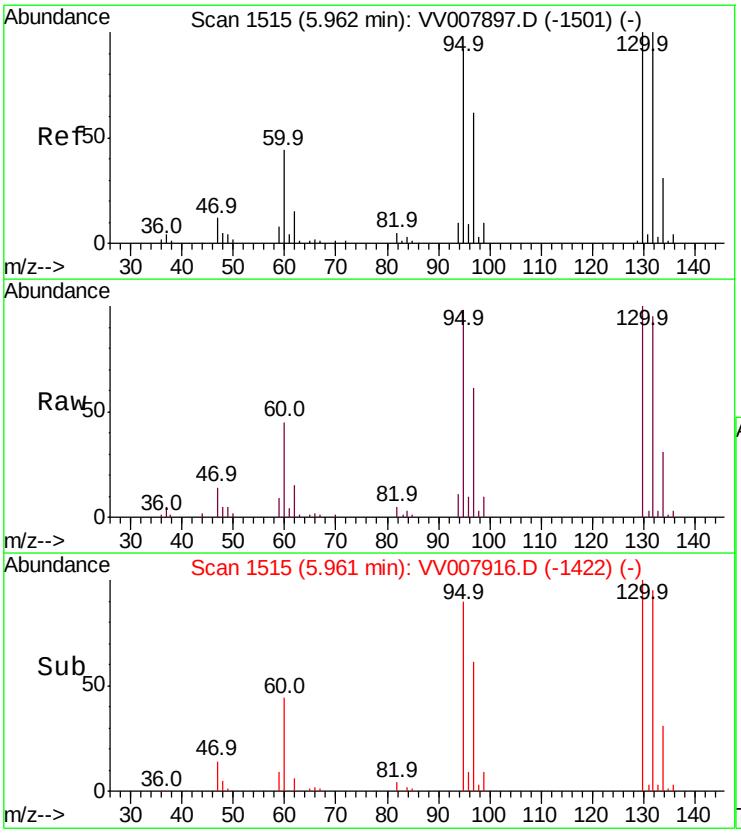


#33
Benzene
Concen: 5.148 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 122404

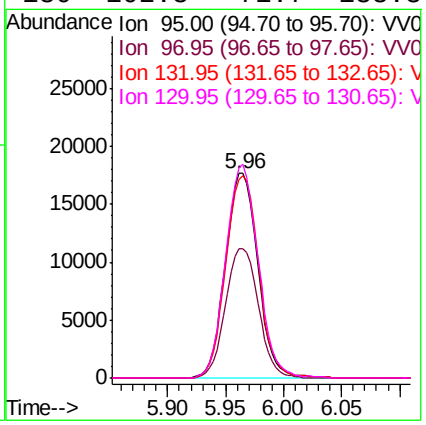


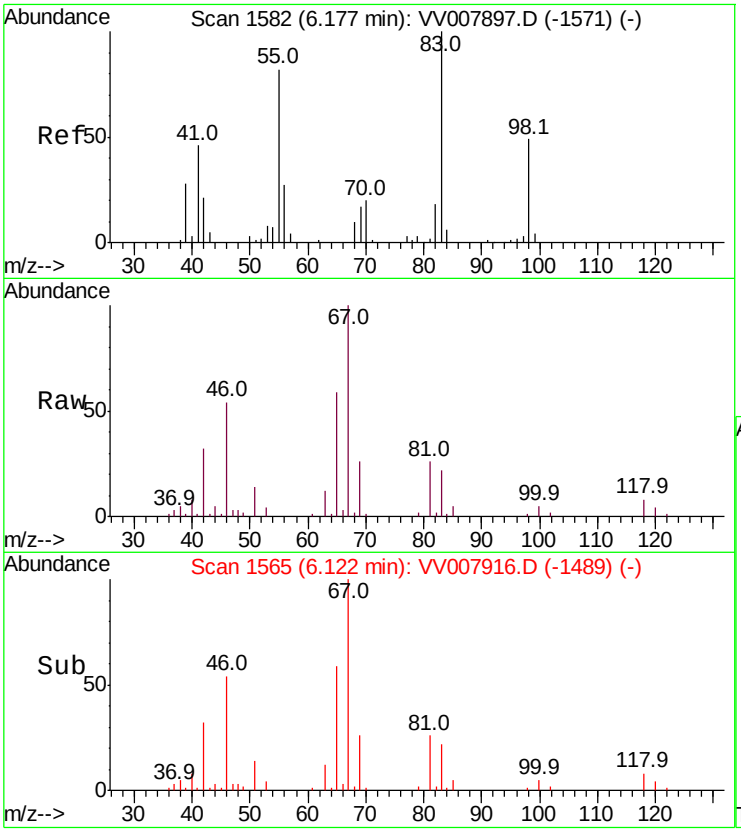


#34
Trichloroethene
Concen: 5.033 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion: 95 Resp: 34265

Ion	Ratio	Lower	Upper
95	100		
97	62.8	43.6	81.0
132	96.9	69.9	129.9
130	102.3	71.7	133.3



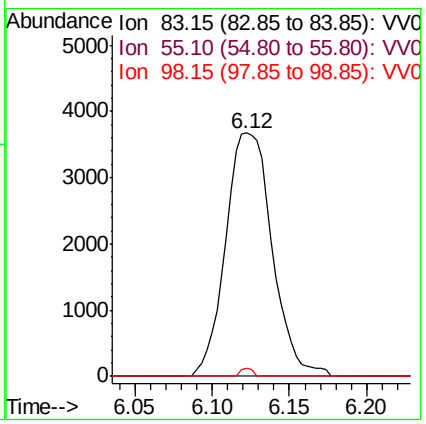


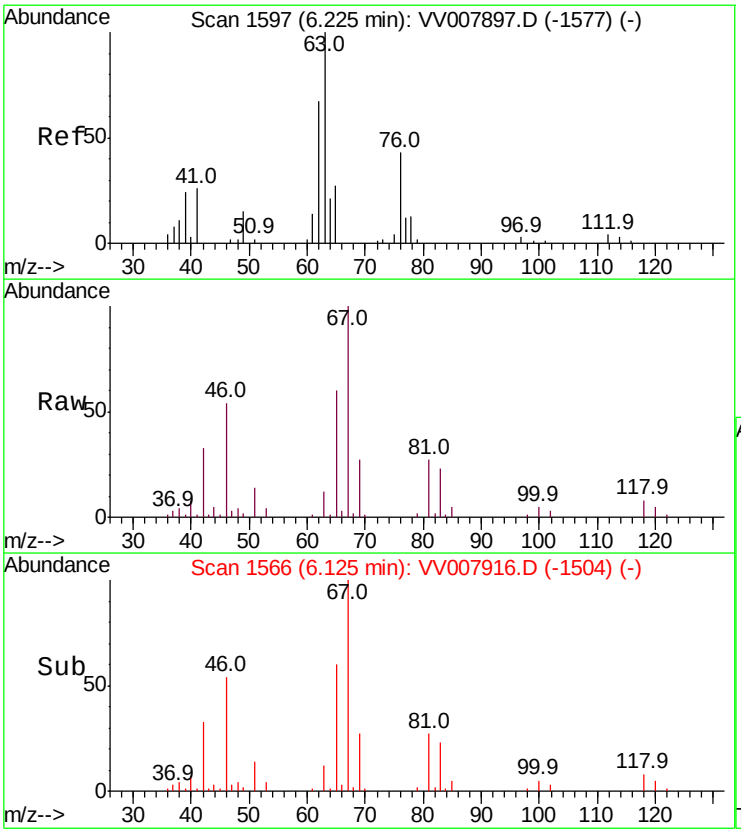
#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 7670

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.2#
98	1.4	38.0	57.0#

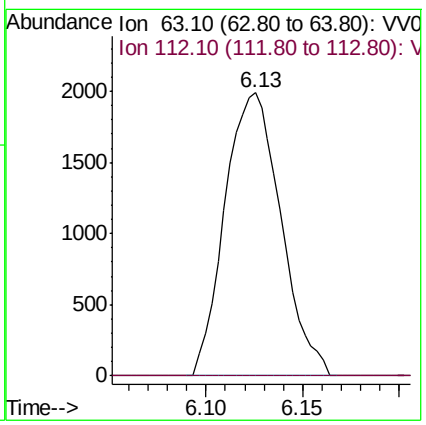


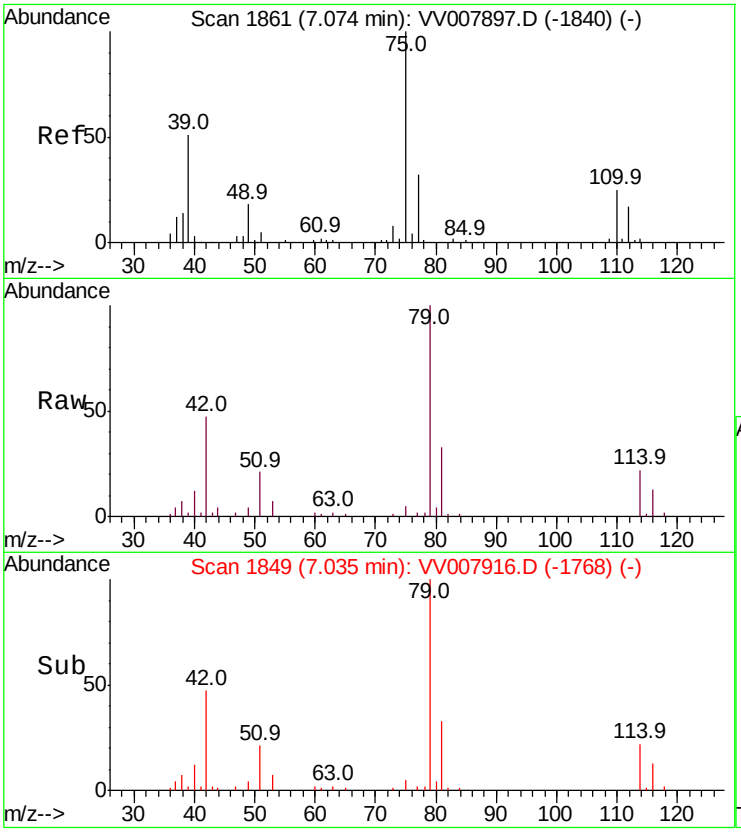


#37
1,2-Dichloropropane
Concen: 0.658 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion: 63 Resp: 3998

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



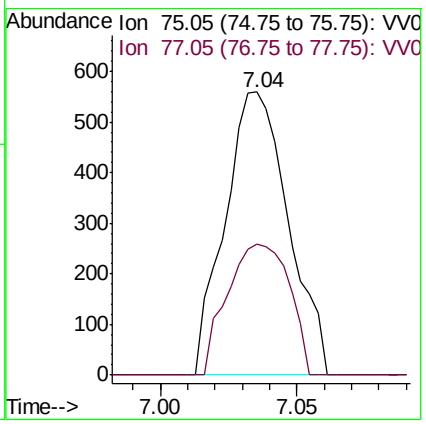


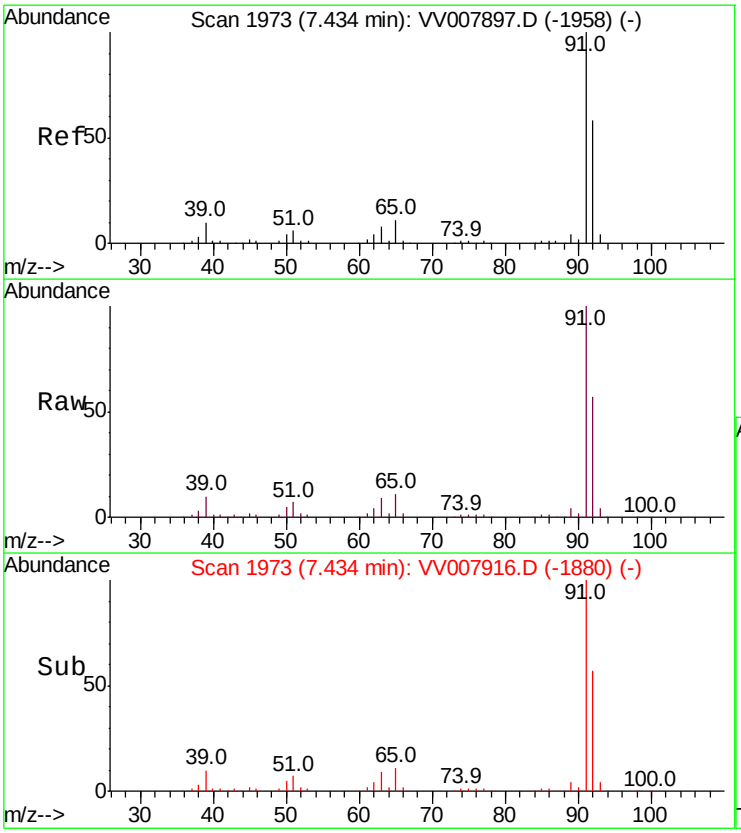
#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 900

Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.9	42.5#

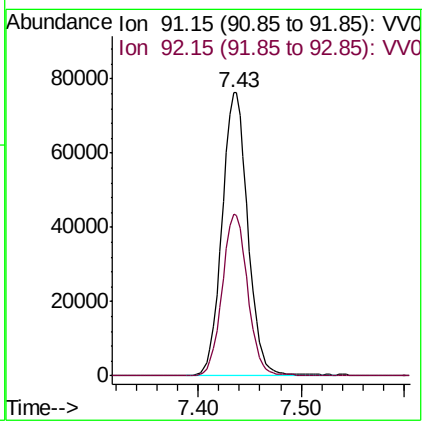


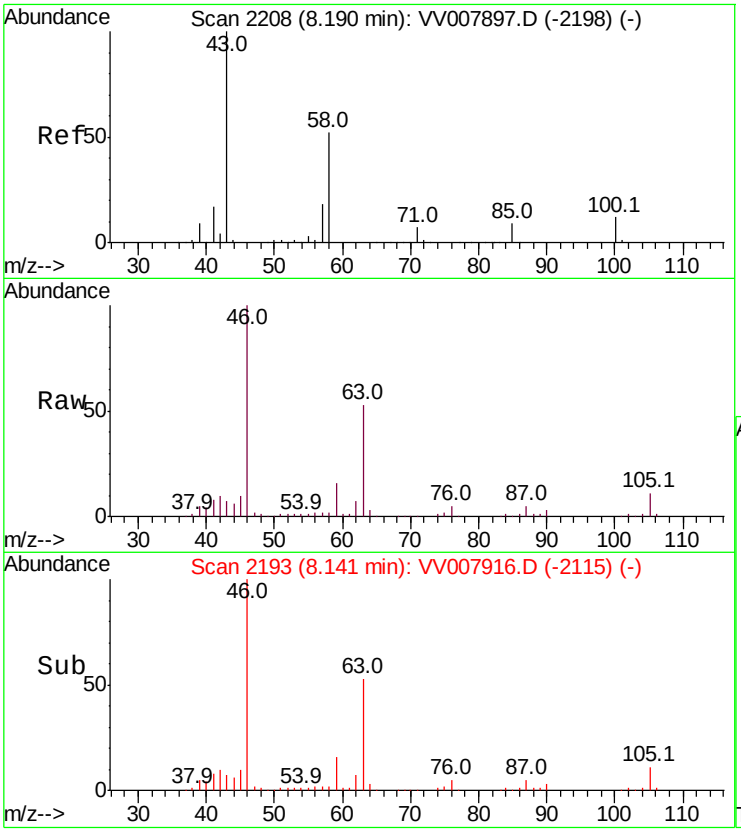


#42
Toluene
Concen: 5.141 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion: 91 Resp: 133109

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.8	75.8



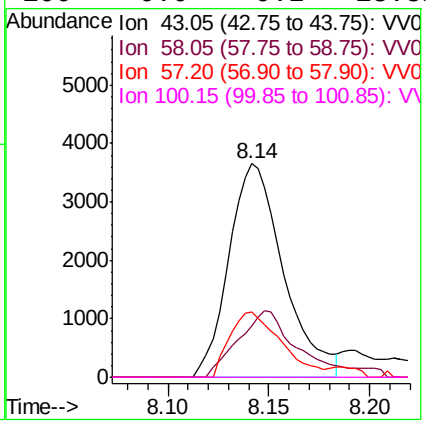


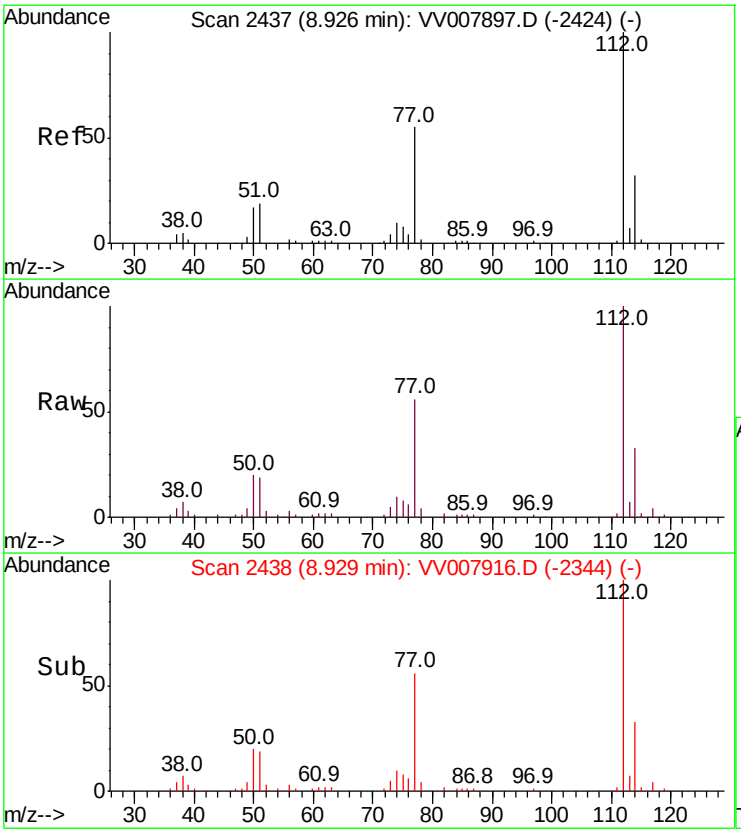
#48
2-Hexanone
Concen: 2.613 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 6928

Ion	Ratio	Lower	Upper
43	100		
58	35.0	41.9	62.9#
57	28.9	14.3	21.5#
100	0.0	9.2	13.8#





#51
Chlorobenzene
Concen: 4.931 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007916.D
Acq: 27 Sep 2018 19:23

Tgt Ion:112 Resp: 88184

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.4	41.6
77	55.6	45.0	67.6